

ABSTRACT OF THE DISCLOSURE

A golf club having a hollow club head construction with a lightweight composite core inserted into the club head cavity and juxtaposed against a front face by compressed gas to provide support to the front face therein. The core material is less dense and having greater flexibility than the front face. The front face has a variable stiffness so as to create a variable Coefficient of Restitution (COR) across the face, therein normalizing the hitting area over a greater portion of the face. The composite core in cooperation with the front face to provide a COR from about 0.8 in the middle of the face to about 0.9 in the outer section. The body of the club head having at least one opening wherein the composite core is visible and provides the shell for that portion of the club head.